SEQUENCE LISTING

10> Rhein Biotech Gesellschaft für neue biotechnologische Prozesse and Produkte mbH (Rhein Biotech Company for new biotechnological processes and products Ltd.)

<120> Nucleic acid molecule, including a nucleic acid coding for a polypeptide with chorismate mutase activity

<130> P30558-01996

<160> 3

<170> PatentIn version 3.1

<210> 1

<211> 843

<212> DNA

<213> Hansenula polymorpha

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<212> PRT

<213> Hansenula polymorpha

<400> 2

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Glu Arg Ser Gln Phe Tyr Ala Ser Pro Ser Val Tyr Lys Val Asn Gln 35 40 45

Phe Pro Ile Pro Asn Phe Asp Gly Ser Phe Leu Asp Trp Leu Leu Ser 50 55 60

Gln His Glu Arg Ile His Ser Gln Val Arg Arg Tyr Asp Ala Pro Asp 65 - 70 75 80

Glu Val Pro Phe Pro Asn Val Leu Glu Lys Thr Phe Leu Pro Lys 85 90 95

Ile Asn Tyr Pro Ser Val Leu Ala Ser Tyr Ala Asp Glu Ile Asn Val 100 105 110

Asn Lys Glu Ile Leu Lys Ile Tyr Thr Ser Glu Ile Val Pro Gly Ile 115 120 125

Ala Ala Gly Ser Gly Glu Gln Glu Asp Asn Leu Gly Ser Cys Ala Met 130 135 140

Ala Asp Ile Glu Cys Leu Gln Ser Leu Ser Arg Arg Ile His Phe Gly
145 150 155 160

Arg Phe Val Ala Glu Ala Lys Phe Ile Ser Glu Gly Asp Lys Ile Val 165 170 175

Asp Leu Ile Lys Lys Arg Asp Val Glu Gly Ile Glu Ala Leu Ile Thr 180 185 190

Asn Ala Glu Val Glu Lys Arg Ile Leu Asp Arg Leu Leu Glu Lys Gly 195 200 205

Arg Ala Tyr Gly Thr Asp Pro Thr Leu Lys Phe Thr Gln His Ile Gln 210 220

Ser Lys Val Lys Pro Glu Val Ile Val Lys Ile Tyr Lys Asp Phe Val 225 230 235 240

Ile Pro Leu Thr Lys Lys Val Glu Val Asp Tyr Leu Leu Arg Arg Leu 245 250 255

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<210> 3

<211> 1655

<212> DNA

<213> Hansenula polymorpha

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